

# **REZAP®**

## **USB iPOWER**

**Model RBC886**

**CHARGE - ANYTHING USB - ANYWHERE**

### **USER GUIDE**



**DIGITAL WORKS ENGINEERING PTY LTD**  
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[www.rezap.com](http://www.rezap.com)

### **CONGRATULATIONS**

Thank you for your purchase of the Digital Works *ReZAP® USB iPOWER™*. Our products are engineered to meet the highest standards of quality, functionality and design. We hope you get the most out of it and enjoy using it for a long time.

**IMPORTANT:** PLEASE READ ALL INSTRUCTIONS BEFORE USING THE CHARGER.

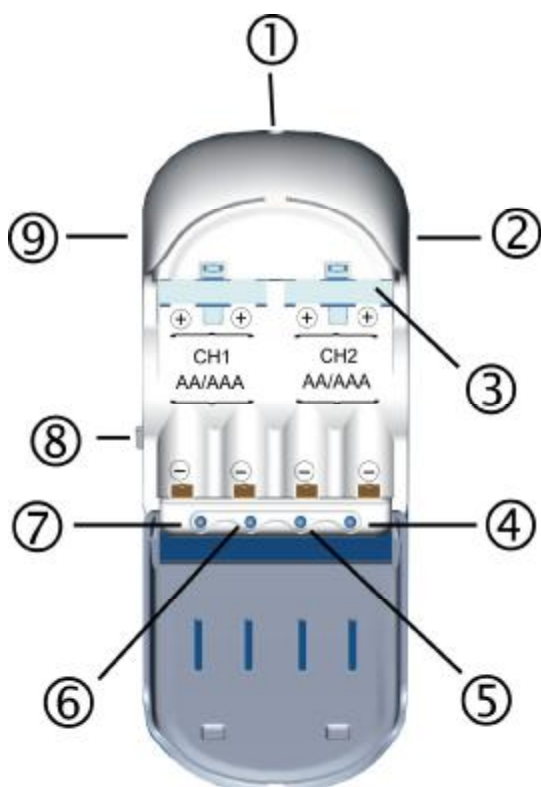
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Specifications subject to change without notice for further product improvements.

## CAUTION

- Risk of electric shock. This charger is for dry use only and should only be connected to the same power as shown on the rating label at the base of the charger.
- Do not operate the charger with a damaged cord or if the housing shows visible signs of damage.
- Do not drop the battery or subject it to strong impacts.
- The charger must be stored where weather conditions cannot affect it. The appliance must not be subjected to humidity, heat sources or immersion in water.
- Do not charge the batteries under intense direct sunlight, in a car when it is unattended.
- Charge 2 or 4 pieces of AAA/AA sized batteries of type NiCd or NiMH only. Other type may explode or burst causing personal injury and damage.
- It is normal that the batteries may become hot during charge or regular operation.
- When using the charger as a power pack, unplug it from the electronic device immediately after use. These devices will continue to draw a small current from your power pack even if they are turned off.
- The batteries stored inside the charger will naturally discharge over time even if they are not in use. It is not recommended to store the batteries for more than two months without recharging. For best performance please recharge them before using.
- Do not remove any service covers from the charger. There are no user serviceable parts inside. Any repair should only be carried out by a trained technician.
- If the charger is wrongly operated for a purpose other than that for which it is intended, no liability can be accepted for any possible damage.
- The charger is not intended for use by young children or infirm persons without supervision
- Turn the power off and remove the plug when the charger is not in use and before cleaning.
- If your charger has a fault, please contact your retailer or directly to Digital Works service centre.

## WARRANTY & SUPPORT

The ReZAP USB iPower, Model RBC886 is supplied with a 12 month parts and labour, return to base warranty. We will repair or replace the product at our option if defective in workmanship or material in normal domestic use for one year from date of purchase. Any customer feedback and/or support queries should be directed to: [support@digitalworks.com.au](mailto:support@digitalworks.com.au)



1. **DC-IN** – Input power socket accepting DC power having range of 6V - 12V, 1A max.
2. **USB-IN** – Input port accepting 5V USB power from a computer or USB power supply.
3. **Positive Terminals** - Flip down to support AAA-sized batteries.
4. **Power LED** – When ON indicates the unit is powered and ready for use.
5. **CH2 LED** - Charging status LED for the two batteries in channel 2.
6. **CH1 LED** - Charging status LED for the two batteries in channel 1.
7. **USB-OUT LED** - When ON, indicates sufficient USB output power is charging the connected USB device.
8. **ON/OFF SWITCH** - Controls the 5V output power at the USB-OUT port.
9. **USB-OUT Port** - Provides 5V output power for charging most type of USB devices.

## PRODUCT DESCRIPTION

The Rezap USB iPOWER is a flexible and affordable battery charger solution that can efficiently power and charge nearly any USB mobile device available on the market today including the iPhone 3G and iPod Touch, plus handheld game consoles, MP3 players and cameras. It supports and recharges standard, AA and AAA size rechargeable batteries that are readily available everywhere. By using four pieces of user-replaceable rechargeable batteries (for best results, use high capacity NiMH, 2700mAh or above) and in emergency cases, even alkaline batteries can also be used to give your mobile devices a real boost of power anywhere you go.

## KEY FEATURES

- Microprocessor controlled for user-friendly and safe operation.
- Supports and recharges up to 4pcs of standard 1.2V AA/AAA NiCd or NiMH Batteries,
- Rejects alkaline and bad batteries from being recharged for safety protection,
- Supports input power from computer and notebook USB power,
- Supports input power from in-car 12V cigarette-lighter power,
- Supports input power from many existing AC/DC adaptors\* (6V – 12V range) that many users most likely already have at home,
- Built-in ON/OFF switch to minimise self discharge of the backup batteries and control the delivery of USB portable power as required,
- Can be used as an external battery pack to power and recharge your mobile or smartphone, iPod, MP3 player, PDA and other mobile devices anywhere you go,

## RECOMMENDED ACCESSORIES

The following optional accessories are strongly recommended as the must have items for use with ReZAP USB iPower to give a complete mobile backup solution. For further information on these items, please visit: [www.rezap.com](http://www.rezap.com)

- ReZAP USB Multi-Charge Cable, Model No. RBC302
- ReZAP AA To C & D-Sized Battery Converters, Model No. RBC301

## QUICK START

### USING THE BATTERY CHARGING FUNCTION

#### STEP 1: POWER ON THE CHARGER

There are three different ways to power up the ReZAP USB iPower:

- **5V USB POWER:**
  - Using the USB cable provided, plug one end to a USB port on your desktop or notebook computer and the other end connected to the USB-IN port on the right hand side of the charger.
- **12V IN-CAR POWER:**
  - Using the in-car cable kit provided, plug one end to a 12V cigarette-lighter socket and the other end connected to the round DC-IN socket of the charger.
- **6V to 12V DC POWER:**
  - This powerful and flexible feature allows you to conveniently make use of your many power adaptors you most probably already have at home. By using your existing DC power adaptor with suitable power rating (6V – 12V, 1A max) and plug the adaptor to the 110V/60Hz or 240V/50Hz mains socket and plug the output connector to the DC-IN socket of the charger. Please make use of the 2-IN-1 socket-size converter provided to make fit with the appropriate DC plug of your power adaptor.

Once the correct power source is applied to the charger, the BLUE LED will turn ON indicating that the charger is properly powered and is READY for use.

## STEP 2: LOAD RECHARGEABLE BATTERIES INTO THE CHARGER

- The charger has two independent channels as marked in the battery compartment, each of which can take two rechargeable batteries of the *same type and size*. Please ensure batteries are loaded in pairs, either two on the left side or two on the right side only. The charger will not work if two batteries are loaded at the centre.
- Please DO NOT load unsupported battery types such as Alkaline, Carbon Zinc or Lithium batteries into the charger for recharging. Failure to do so may lead to battery leakage or explosion.
- Please DO NOT mix old, new or different battery types together as this will affect the performance of the charger.
- Insert 2 or 4 AA/AAA sized NiMH or NiCd rechargeable batteries into the charger.
- Pay attention to battery polarities and ensure all batteries are connected correctly to the charger.

## STEP 3: OBSERVING THE CHARGER'S STATUS.

- Once batteries are firmly in contact with the charger's metal plates, the charger's indicator lights will be activated straight away, showing the different status as follows:
  - **BLUE LIGHT ON** – Power is ON and the charger is ready for use.
  - **GREEN LIGHT FLASHING** – Battery is being charged.
  - **GREEN LIGHT ON** – Charging is finished and battery is ready for use.
  - **GREEN LIGHT OFF** – No battery present or improper battery connection.
  - **GREEN LIGHT TURNS OFF AFTER FLASHING** – Battery is faulty, exhausted and or is no longer rechargeable.

## USING THE USB PORTABLE POWER FUNCTION

Apart from the normal useability of a battery charger as mentioned above, the ReZAP USB iPower offers far more charging possibilities with its USB port.

### STEP 1: LOAD FRESH BATTERIES INTO THE CHARGER

- Load 2 or 4 *FRESH, FULLY CHARGED* NiMH or NiCd batteries into the charger. In emergency cases, *NEW ALKALINE* batteries may be used in place of rechargeable batteries.
- Please DO NOT mix old, new or different battery types together as this will affect the performance, strength of the USB Output power of the charger.
- For best results, please use NiMH batteries of at least 2700mAh in capacity.

### STEP 2: CONNECT AN EXHAUSTED USB DEVICE TO THE CHARGER.

- By using the USB cable that comes with your device at time of its purchase or by using the OPTIONAL ReZAP USB Multi-charged cable, Model RBC302 and choosing the appropriate connector that matches your USB device to connect it to the charger's USB-OUT port.
- Slide the USB-OUT switch on the right side of the charger to the ON position and start charging the USB device connected. Observe the USB device's charging indication status and the USB-OUT RED LED on the charger for the power conditions of the batteries as follows:
  - **RED LIGHT ON** – Strong USB output power is charging the connected USB device.
  - **RED LIGHT DIMMING** – USB output power is weak and the enclosed batteries need recharging.
  - **RED LIGHT OFF** – No USB device connected to the charger or the enclosed batteries are exhausted and need to be replaced or recharged.

## SPECIFICATIONS:

- **INPUT:** USB 5V, 1A max. or DC 6V - 12V, 1A max.
- **OUTPUT:** 2.4V, 600mA max., USB 5V, 350mA max.